



The Mobile Robot Company

Knowledge Center — Video Case Stories · 2026-08-04

<https://info.mobilerobot.com/applications/customer-stories/video-case-stories>

Video Case Stories

The Mobile Robot Company publishes [videos](https://info.mobilerobot.com/newsroom/videos/full-video-library/) that show the J1600 operating in real settings — [live demonstrations](https://info.mobilerobot.com/newsroom/videos/product-demonstrations/) at [public events](https://info.mobilerobot.com/newsroom/events/trade-shows/), a first-time user creating an autonomous task, load-handling examples, and validation at the company's [Copenhagen test facility](https://info.mobilerobot.com/company/locations/test-and-demonstration-facility/). This page collects the stories those videos tell and links to each one.

A first-time user automates a pallet move

At [TEST CAMP INTRALOGISTICS 2026](https://info.mobilerobot.com/newsroom/events/test-camp/) in Dortmund, a visiting logistics professional who had used electric pallet jacks — but never the J1600 — tried the vehicle for the first time:

1. She drove the J1600 manually with the tiller, which handles like a conventional electric pallet jack. White lights indicate manual mode.
2. She drove to a drop point, tapped **Save location**, and named the location after her organization.
3. She created a task, chose "drop pallet at location," and selected return to origin as the post-delivery behavior.
4. She confirmed automatic mode and stepped away.
5. The J1600 traveled autonomously, [routed around people](https://info.mobilerobot.com/applications/scenarios/operation-in-crowded-environments/) using its 3D environment map, dropped the pallet at floor level, and returned.

There is no software limit to the number of saved locations. Watch: [Can Anyone Automate a Pallet Move in Minutes?](https://www.youtube.com/watch?v=PHBLT4XyvyI)

Live demonstration at TEST CAMP INTRALOGISTICS 2026

In an interview with a trade journalist, CEO Emil Hauch Jensen demonstrates the full working cycle live: manual pallet pickup, location saving, autonomous delivery with

drop-and-return, and the 360-degree safety field. He describes the three barriers that keep companies from full automation — price, flexibility, and complexity — and the J1600's proposition of automating [roughly 80% of the repetitive transport work](https://info.mobilerobot.com/applications/results/productivity-improvements/) rather than 100%, at a fraction of the cost of a full automation project. Start-up takes about one hour. Watch: [J1600 Live Demo at TEST CAMP 2026](https://www.youtube.com/watch?v=Ovffa1uGTQE).

Handling open cages, barrels, and sensitive loads

Two videos show the [flexibility](https://info.mobilerobot.com/applications/results/operational-flexibility/) of manual judgment combined with autonomous travel:

- The J1600 handles [open cages](https://info.mobilerobot.com/applications/use-cases/open-cages-and-alternative-load-carriers/), EPAL Euro pallets, and other open-base carriers within its size limits. Watch: [Dual Mode J1600 AMR: Flexible Handling of Open Cages and Euro Pallets](https://www.youtube.com/watch?v=ovlpXTxkn8Y)
- For [sensitive or unstable loads](https://info.mobilerobot.com/applications/use-cases/sensitive-or-unstable-loads/), such as barrels, the operator uses manual control for pickup and confined maneuvering, then hands the long transport leg to autonomous mode. Watch: [What extra capabilities does the Dual Mode Pallet Jack J1600 offer?](https://www.youtube.com/watch?v=HKGv7uzNxlw)

For the load envelope, see [Pallet and load suitability](https://info.mobilerobot.com/applications/planning/pallet-and-load-suitability/).

Lifting and carrying at capacity

CTO Odin Kudahl Skovsted shows the J1600 picking from a height of 1.6 m in manual mode and carrying 1,600 kg. Watch: [How Our Mobile Robots Handle 1,600 kg Loads at 1.6 Meters](https://www.youtube.com/watch?v=7QXbmem2i2w).

Validation at the Copenhagen test facility

The company's Copenhagen demo and test area is built for intentionally real-world conditions: deliberately uneven flooring, water-filled test loads, and multiple simultaneous test setups. Customers can visit for demos and trials. Watch: [Inside Our Copenhagen Test Facility](https://www.youtube.com/watch?v=vrrAAjAMF-8)

For on-site evaluation options, see [Proof-of-concept planning](https://info.mobilerobot.com/applications/planning/proof-of-concept-planning/) (<https://info.mobilerobot.com/applications/planning/proof-of-concept-planning/>).

Short tutorials and answers

Topic	Video
Saving a drop location and creating a task	How to Add a Drop Location & Create Tasks on the J1600 (https://www.youtube.com/watch?v=OGiOVtdKbk8)
Manual and automatic charging	How to Charge Your Robot (https://www.youtube.com/watch?v=I6GJ07Kbi4Y)
The most common task pattern	What's the most common task our robot performs? (https://www.youtube.com/watch?v=b0aOQWWNlws)
What dual mode is	What is Dual Mode (https://www.youtube.com/watch?v=MgmWCbdoge8)
Brownfield sites	Does the J1600 work on brownfield sites? (https://www.youtube.com/watch?v=Qe5kres-lgY)

The most commonly demonstrated task is [manual pickup, autonomous delivery](https://info.mobilerobot.com/applications/scenarios/manual-pickup-and-autonomous-delivery/) (<https://info.mobilerobot.com/applications/scenarios/manual-pickup-and-autonomous-delivery/>), floor-level drop, and [return to origin](https://info.mobilerobot.com/applications/scenarios/deliver-and-return/) (<https://info.mobilerobot.com/applications/scenarios/deliver-and-return/>). The route can be a few meters or more than 100 meters — the concept is the same. More product questions are answered in the [product and capabilities FAQ](https://info.mobilerobot.com/support/faq/product-and-capabilities/) (<https://info.mobilerobot.com/support/faq/product-and-capabilities/>).